

required to be installed for XI, XII, XIII and XIV Five Year Plans at 9% growth rate as contained in the Report of Expert Committee on Integrated Energy Policy are given in the following Table:

Year	Energy requirements (Billion Kwh)	Installed Capacity(GW)
2011-12	1091	233
2016-17	1577	337
2021-22	2280	488
2026-27	3201	685

National Electricity Policy has envisaged that power shortages would be eliminated by the year 2012. The Central Electricity Authority has estimated that during the course of Tenth and Eleventh Plan about 1 lakh MW would be required to be added. So far power projects aggregating over 60,000 MW have been identified for commissioning in the eleventh Plan.

Electricity is a concurrent subject and Centre supplements through capacity addition by central power sector utilities. At present, projects aggregating over 43,700 MW are under execution, of which 12,293 MW pertain to northern region and 1210 MW are coming up in State of Uttar Pradesh.

Capacity expansion of BHEL

2815. MS. PRAMILA BOHIDAR:
SHRI B.J. PANDA:

Will the Minister of POWER be pleased to state:

- (a) whether BHEL proposes to invest Rs. 1,600 crores for capacity expansion to control the shortage of power in the country with a view to providing power to all households in the country by 2012;
- (b) if so, the details thereof; and
- (c) what is the action plan of Government to light up all the villages in Orissa by the above date?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE): (a) and (b) Yes, Sir. BHEL's on-going expansion plans aim at increasing its annual capacity from present 6000 MW to 10000 MW per year.

(c) Under Rajiv Gandhi Gramin Vidyutikaran Yojana, Rural Electrification Corporation has received 22 proposals from Orissa Government, of which 3 projects for Jajpur, Nayagarh and Angul districts in Orissa have been sanctioned at a cost of Rs. 409.77 crore. Further, 5 projects for Ganjam, Gajapati, Bhadrak, Balasore and Puri districts have been given "in principle" approval at a cost of Rs. 546.02 crore.

Implementation of power reforms

2816. SHRI C. RAMACHANDRAIAH: Will the Minister of POWER be pleased to state:

- (a) the details of the States that have effectively been implementing power reforms in the country particularly in Andhra Pradesh;
- (b) the transmission and distribution losses in the States which have been effectively implementing power reforms in the country;
- (c) whether it is a fact that in spite of reforms T&D losses have not come down; and
- (d) if so, the steps his Ministry is taking to reduce T&D losses?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE): (a) The focus on Power Sector Reforms started in 2001 *inter alia* including setting up of State Electricity Regulatory Commissions (SERCs), rationalization of tariffs, restructuring/unbundling of State Electricity Boards (SEBs), feeder and consumer metering. A statement showing the status of Power Sector Reforms in the States is at Statement-I (See below).

Andhra Pradesh has restructured its power sector. It has formed one generating company, one transmission company and four distribution companies. SERC was constituted in 1999 and has issued seven tariff orders in the direction of rationalization of electricity tariff. The State has also set up special courts and police stations for controlling electricity theft.